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### **The industrial organization of transport markets: modeling pricing, investment and regulation in rail and road networks**

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Harry van der Weijde

# The industrial organization of transport markets

Modeling pricing, investment and  
regulation in rail and road networks

This thesis explores the industrial organization of transport markets; that is, the decisions made by non-price taking market participants, the outcomes of those decisions and the ways in which regulators can influence them. It develops methods to model these decisions and uses the resulting models to investigate pricing and scheduling behavior, investment and optimal regulation under various competitive structures. Importantly, this is done while explicitly taking the networked nature of transport markets into account, such that transport modes and links are not considered in isolation, but as part of larger networks in which complements and substitutes exist.

Harry van der Weijde (1987) holds a BA in Liberal Arts & Sciences from University College Roosevelt and an MSc in Economics from the University of Edinburgh. He worked for the Electricity Policy Research Group at the University of Cambridge before joining the Department of Spatial Economics at the Vrije Universiteit to work on this thesis. He is currently employed as a Chancellor's Fellow at the University of Edinburgh.

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